

Index to volume 18

Author index*

A

- Allen U, Ford-Jones EL. Nosocomial infections in the pediatric patient: an update. 1990;18:176-93

B

- Baker O (see Bennett and Baker). 1990;18:118-25 (Commentary)
 Bale M (see Cabezudo et al). 1990;18:250-6
 Band J (see Becker et al). 1990;18:232-9
 Barrett M (see Cabezudo et al). 1990;18:250-6
 Bartley J (see Becker et al). 1990;18:232-9
 Battan R (see Raviglione et al). 1990;18:64-9
 — (see Raviglione et al). 1990;18:268 (Correction)
 Becker MH, Janz NK, Band J, Bartley J, Snyder MB, Gaynes RP. Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? 1990;18:232-9
 Bennett G, Baker O. Developing an integrated quality improvement program. 1990;18:118-25 (Commentary)
 Booth WC (see Turner et al). 1990;18:86-92
 Brady MT, Evans J, Cuartas J. Survival and disinfection of parainfluenza viruses on environmental surfaces. 1990;18:18-23
 Briggs J (see Frey et al). 1990;18:383-5 (Brief rep.)
 Broadhead WE (see Frey et al). 1990;18:383-5 (Brief rep.)
 Brown KC (see Turner et al). 1990;18:86-92
 Butz AM, Larson E, Fosarelli P, Yolken R. Occurrence of infectious symptoms in children in day care homes. 1990;18:347-53
 —, Laughon BE, Gullette DL, Larson E. Alcohol-impregnated wipes as an alternative in hand hygiene. 1990;18:70-6

C

- Cabezudo I, Pfaller MA, Barrett M, Bale M, Wenzel RP. In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates. 1990;18:250-6
 Cahill CK, Heath J. Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? 1990;18:13-7
 Caprioli A (see Gentile et al). 1990;18:127-8 (Letter)
 Chamberlin L (see Fox et al). 1990;18:300-6
 Checko PJ (see Pearson et al). 1990;18:167-75
 — (see Pearson et al). 1990;18:269-76

*February, pp. 1-54; April, pp. 55-150; June, pp. 151-226; August, pp. 227-294; October, pp. 295-346; December, pp. 347-422.

- Childress JA, Childress JD. Selection of controls. 1990;18:292 (Letter)
 Childress JD (see Childress and Childress). 1990;18:292 (Letter)
 Chorak J, Leader I, Patterson M, Kumar A. Sterility of assembled heart-lung pump beyond 48 hours. 1990;18:328-31 (Brief rep.)
 Choudhuri M, McQueen R, Inoue S, Gordon RC. Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads. 1990;18:82-5
 Clyne KE (see Snyder et al). 1990;18:399-404 (Practice forum)
 Contant J, Kemeny E, Oxley C, Perry E, Garber G. Investigation of an outbreak of *Acinetobacter calcoaceticus* var. *anitratus* infections in an adult intensive care unit. 1990;18:288-91 (Practice forum)
 Cooper GS, Vincent DS, Harvey J, Hendrix RM, Noel GL. A study of infection control training needs of medical students. 1990;18:126-7 (Letter)
 Copeland TA (see Gaynes et al). 1990;18:40-6 (Commentary)
 Cuartas J (see Brady et al). 1990;18:18-23
 Cummings MJ (see Lynch et al). 1990;18:1-12
 Cunha BA (see Ullman et al). 1990;18:201-7
 — (see Yannelli et al). 1990;18:93-8
 — (see Yannelli et al). 1990;18:341-2 (Letter)

D

- Domenico P (see Yannelli et al). 1990;18:341-2 (Letter)
 Donelli G (see Gentile et al). 1990;18:127-8 (Letter)

E

- Evans J (see Brady et al). 1990;18:18-23

F

- Flanders E, Hinnant JR. Ambulatory surgery postoperative wound surveillance. 1990;18:336-9 (Practice forum)
 Fletcher LL. Needle disposal policies. 1990;18:223 (Letter)
 Ford-Jones EL (see Allen and Ford-Jones). 1990;18:176-93
 Forseter G, Joline C, Wormser GP. Blood contamination of tourniquets used in routine phlebotomy. 1990;18:386-90 (Brief rep.)
 Fosarelli P (see Butz et al). 1990;18:347-53
 Fox BC, Chamberlin L, Kulich P, Rae EJ, Webster LR. Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination. 1990;18:300-6
 Frey KA, Briggs J, Broadhead WE. Postdischarge, postop-

- erative nosocomial infection surveillance using random sampling. 1990;18:383-5 (Brief rep.)
Friedman C (see Gaynes et al). 1990;18:40-6 (Commentary)
- G**
- Garber G (see Contant et al). 1990;18:288-91 (Practice forum)
Gaynes R, Friedman C, Copeland TA, Thiele GH. Methodology to evaluate a computer-based system for surveillance of hospital-acquired infections. 1990;18:40-6 (Commentary)
— (see Becker et al). 1990;18:232-9
Gentile G, Caprioli A, Donelli G, Venditti M, Mandelli F, Martino P. Asymptomatic carriage of *Cryptosporidium* in two patients with leukemia. 1990;18:127-8 (Letter)
Gianelli B (see Yannelli et al). 1990;18:93-8
Goetz A, Yu VL. Hepatitis B and hepatitis B vaccine requirements in schools of nursing in the United States: a national survey. 1990;18:240-9
Goldmann DA. Coagulase-negative staphylococci: interplay of epidemiology and bench research. 1990;18:211-21 (Special article)
Gordon RC (see Choudhuri et al). 1990;18:82-5
Graham M. Frequency and duration of handwashing in an intensive care unit. 1990;18:77-81
Gullette DL (see Butz et al). 1990;18:70-6
Gurevich I (see Ullman et al). 1990;18:201-7
— (see Yannelli et al). 1990;18:93-8
- H**
- Harvey J (see Cooper et al). 1990;18:126-7 (Letter)
Hayden DC. Infection control in public health: a new perspective. 1990;18:47-9 (Practice forum)
Heath J (see Cahill and Heath). 1990;18:13-7
Hendrix RM (see Cooper et al). 1990;18:126-7 (Letter)
Herriott MJ (see Lynch et al). 1990;18:1-12
Hierholzer WJ Jr (see Pearson et al). 1990;18:167-75
— (see Pearson et al). 1990;18:269-76
Hinnant JR (see Flanders and Hinnant). 1990;18:336-9 (Practice forum)
Hoffman N, Jenkins R, Putney K. Nosocomial infection rates during a one-year period in a nursing home care unit of a Veterans Administration hospital. 1990;18:55-63
Horton K, Roger S. Needle disposal policies. 1990;18:223 (Letter)
Hunt EH (see Jagger et al). 1990;18:227-31
Hutchinson JJ, McGuckin M. Occlusive dressings: a microbiologic and clinical review. 1990;18:257-68
- I**
- Inoue S (see Choudhuri et al). 1990;18:82-5
- J**
- Jackson BM, Smith JD, Sikes RK. Parainfluenza outbreak in retardation facility. 1990;18:128-9 (Letter)
Jackson MM (see Lynch and Jackson). 1990;18:391-8 (Commentary)
Jacobson C, Strausbaugh LJ. Incidence and impact of infection in a nursing home care unit. 1990;18:151-9
Jacobson JT. A guide to the Certification Board of Infection Control's recertification program. 1990;18:283-7 (Brief rep.)
Jaeger AM. Recertification—by examination or by CEU? 1990;18:222-3 (Letter reply)
Jagger J, Hunt EH, Pearson RD. Sharp object injuries in the hospital: causes and strategies for prevention. 1990;18:227-31
Janai H, Stutman HR, Marks MI. Invasive *Haemophilus influenzae* type B infections: a continuing challenge. 1990;18:160-6
Janz NK (see Becker et al). 1990;18:232-9
Jekel JF (see Pearson et al). 1990;18:167-75
— (see Pearson et al). 1990;18:269-76
Jenkins R (see Hoffman et al). 1990;18:55-63
Joline C (see Forseter et al). 1990;18:386-90 (Brief rep.)
- K**
- Kaczmarek RG (see Moore and Kaczmarek). 1990;18:316-27
Kaiser DL (see Landry et al). 1990;18:292 (Letter reply)
Kemeny E (see Contant et al). 1990;18:288-91 (Practice forum)
Kerr RB, McLaughlin DI, Sonnenberg LW. Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole. 1990;18:332-5 (Brief rep.)
Kirkland T (see Taylor et al). 1990;18:295-9
Kulich P (see Fox et al). 1990;18:300-6
Kumar A (see Chorak et al). 1990;18:328-31 (Brief rep.)
- L**
- Lai KK. Urinary catheterization. 1990;18:340-1 (Letter)
Landry SL, Kaiser DL, Wenzel RP. Selection of controls. 1990;18:292 (Letter reply)
Larson E (see Butz et al). 1990;18:70-6
— (see Butz et al). 1990;18:347-53
Laughon BE (see Butz et al). 1990;18:70-6
Leader I (see Chorak et al). 1990;18:328-31 (Brief rep.)
Lee GM (see Pereira et al). 1990;18:354-64
Liu-yi L, Shu-qun W. A prospective study of nosocomial infections in cardiac surgery in China. 1990;18:365-70
Lynch P, Cummings MJ, Roberts PL, Herriott MJ, Yates B, Stamm WE. Implementing and evaluating a system of generic infection precautions: body substance isolation. 1990;18:1-12
—, Jackson MM. Monitoring for nosocomial noninfectious complications: a classification system that parallels the NNIS definitions for infectious complications. 1990;18:391-8 (Commentary)
- M**
- Mandelli F (see Gentile et al). 1990;18:127-8 (Letter)
Mansour AM. Which physicians are at high risk for needlestick injuries? 1990;18:208-10 (Brief rep.)
Mariuz P (see Raviglione et al). 1990;18:64-9
— (see Raviglione et al). 1990;18:268 (Correction)
Marks MI (see Janai et al). 1990;18:160-6
Martino P (see Gentile et al). 1990;18:127-8 (Letter)
McFarland CR. Recertification—by examination or by CEU? 1990;18:222 (Letter)
McGowan JE Jr. The infection control practitioner: an ac-

tion plan for the 1990s. 1990;18:29-39 (Special article)

McGuckin M (see Hutchinson and McGuckin). 1990;18:257-68

McKenzie M (see Taylor et al). 1990;18:295-9

— (see Zoutman et al). 1990;18:277-82

McLaughlin DI (see Kerr et al). 1990;18:332-5 (Brief rep.)

McQueen R (see Choudhuri et al). 1990;18:82-5

Moore RM Jr, Kaczmarek RG. Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated. 1990;18:316-27

N

Newman JL, Seitz JC. Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel. 1990;18:194-200

Noel GL (see Cooper et al). 1990;18:126-7 (Letter)

O

Ottuso P (see Raviglione et al). 1990;18:64-9

— (see Raviglione et al). 1990;18:268 (Correction)

Oxley C (see Contant et al). 1990;18:288-91 (Practice forum)

P

Pablos-Mendez A (see Raviglione et al). 1990;18:64-9

— (see Raviglione et al). 1990;18:268 (Correction)

Patterson M (see Choral et al). 1990;18:328-31 (Brief rep.)

Pearce P (see Zoutman et al). 1990;18:277-82

Pearson DA, Checko PJ, Hierholzer WJ Jr, Jekel JF. Infection control practices in Connecticut's skilled nursing facilities. 1990;18:269-76

—, —, —, —. Infection control practitioners and committees in skilled nursing facilities in Connecticut. 1990;18:167-75

Pearson RD (see Jagger et al). 1990;18:227-31

Pereira LJ, Lee GM, Wade KJ. The effect of surgical hand-washing routines on the microbial counts of operating room nurses. 1990;18:354-64

Perry E (see Contant et al). 1990;18:288-91 (Practice forum)

Pfaller MA (see Cabezedo et al). 1990;18:250-6

Putney K (see Hoffman et al). 1990;18:55-63

Q

Quadri SMH (see Yannelli et al). 1990;18:341-2 (Letter)

R

Raad II, Sherertz RJ, Russell BA, Feuman PD. Uncontrolled nosocomial rotavirus transmission during a community outbreak. 1990;18:24-8

Rae EJ (see Fox et al). 1990;18:300-6

Raviglione MC, Mariuz P, Pablos-Mendez A, Battan R, Ottuso P, Taranta A. High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex. 1990;18:64-9

—, —, —, —, —. High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (1990;18:64-9). 1990;18:268 (Correction)

Reuman PD (see Raad et al). 1990;18:24-8

Richardson J (see Yannelli et al). 1990;18:93-8

Roberts PL (see Lynch et al). 1990;18:1-12

Roger S (see Horton and Roger). 1990;18:223 (Letter)

Russell BA (see Raad et al). 1990;18:24-8

Rutala WA. APIC guideline for selection and use of disinfectants. 1990;18:99-117 (Guidelines)

S

Schoch PE (see Ullman et al). 1990;18:201-7

Seitz JC (see Newman and Seitz). 1990;18:194-200

Sherertz RJ (see Raad et al). 1990;18:24-8

Shu-qun W (see Liu-yi and Shu-qun). 1990;18:365-70

Sikes RK (see Jackson et al). 1990;18:128-9 (Letter)

Smith JD (see Jackson et al). 1990;18:128-9 (Letter)

Snyder MB (see Becker et al). 1990;18:232-9

Sonnenberg LW (see Kerr et al). 1990;18:332-5 (Brief rep.)

Stamm WE (see Lynch et al). 1990;18:1-12

Strausbaugh LJ (see Jacobson and Strausbaugh). 1990;18:151-9

Stutman HR (see Janai et al). 1990;18:160-6

Snyder LL, Clyne KE, Wagner JC. Antibiotic sensitivity and the prescribing information sheet: assisting the prescribing physician. 1990;18:399-404 (Practice forum)

T

Taranta A (see Raviglione et al). 1990;18:64-9

— (see Raviglione et al). 1990;18:268 (Correction)

Taylor G, McKenzie M, Kirkland T, Wiens R. Effect of surgeon's diagnosis on surgical wound infection rates. 1990;18:295-9

— (see Zoutman et al). 1990;18:277-82

The Association for Practitioners in Infection Control, The Society of Hospital Epidemiologists of America. Position paper: the HIV-infected health care worker. 1990;18:371-82 (Special comm.)

The Society of Hospital Epidemiologists (see The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Thiele GH (see Gaynes et al). 1990;18:40-6 (Commentary)

Turner JG, Booth WC, Brown KC, Williamson KM. National survey of infection control practitioners' educational needs. 1990;18:86-92

U

Ullman RF, Gurevich I, Schoch PE, Cunha BA. Colonization and bacteremia related to duration of triple-lumen intravascular catheter placement. 1990;18:201-7

V

Venditti M (see Gentile et al). 1990;18:127-8 (Letter)

Vincent DS (see Cooper et al). 1990;18:126-7 (Letter)

W

Wade KJ (see Pereira et al). 1990;18:354-64

Wagner JC (see Snyder et al). 1990;18:399-404 (Practice forum)

Webster LR (see Fox et al). 1990;18:300-6

Wenzel RP (see Cabezedo et al). 1990;18:250-6

— (see Landry et al). 1990;18:292 (Letter reply)

Wiens R (see Taylor et al). 1990;18:295-9

Williamson KM (see Turner et al). 1990;18:86-92

Winters WD. A new perspective of microbial survival and

- dissemination in a prospectively contaminated air-fluidized bed model. 1990;18:307-15
- Wormser GP (see Forseter et al). 1990;18:386-90 (Brief rep.)

Y

- Yannelli B, Domenico P, Cunha BA, Quadri SMH. Nosocomial *Escherichia coli* 0157:H7 diarrhea. 1990;18:341-2 (Letter)
- , Gurevich I, Richardson J, Gianelli B, Cunha BA. Sig-

nificance of fever in hospital employees. 1990;18:93-8

- Yates B (see Lynch et al). 1990;18:1-12
- Yolken R (see Butz et al). 1990;18:347-53
- Yu VL (see Goetz and Yu). 1990;18:240-9

Z

- Zoutman D, Pearce P, McKenzie M, Taylor G. Surgical wound infections occurring in day surgery patients. 1990;18:277-82

Subject index*

A

Abstracts

Abstracts. 1990;18:135-50

Accidents, occupational

Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Sharp object injuries in the hospital: causes and strategies for prevention (Jagger et al). 1990;18:227-31

Which physicians are at high risk for needlestick injuries? (Mansour). 1990;18:208-10 (Brief rep.)

Acinetobacter infections

Investigation of an outbreak of *Acinetobacter calcoaceticus* var. *anitratus* infections in an adult intensive care unit (Contant et al). 1990;18:288-91 (Practice forum)

Acquired immunodeficiency syndrome

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al). 1990;18:64-9

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Age factors

Nosocomial infections in the pediatric patient: an update (Allen and Ford-Jones). 1990;18:176-93

AIDS-related complex

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al). 1990;18:64-9

Air-fluidized beds; see Beds

Air microbiology

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

Alcohol, propyl

Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads (Choudhuri et al). 1990;18:82-5

Ambulatory surgery

Ambulatory surgery postoperative wound surveillance (Flanders and Hinnant). 1990;18:336-9 (Practice forum)

Surgical wound infections occurring in day surgery patients (Zoutman et al). 1990;18:277-82

Anesthetics

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

*February, pp. 1-54; April, pp. 55-150; June, pp. 151-226; August, pp. 227-294; October, pp. 295-346; December, pp. 347-422.

Anti-infective agents, local

Alcohol-impregnated wipes as an alternative in hand hygiene (Butz et al). 1990;18:70-6

APIC guideline for selection and use of disinfectants (Rutala). 1990;18:99-117 (Guidelines)

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads (Choudhuri et al). 1990;18:82-5

Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel (Newman and Seitz). 1990;18:194-200

Antibiotics

Antibiotic sensitivity and the prescribing information sheet: assisting the prescribing physician (Snyder et al). 1990;18:399-404 (Practice forum)

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al). 1990;18:64-9

Antineoplastic agents

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

APIC guidelines for infection control practice

APIC guidelines for selection and use of disinfectants (Rutala). 1990;18:99-117

Aspergillus

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

Association for Practitioners in Infection Control

APIC guideline for selection and use of disinfectants (Rutala). 1990;18:99-117 (Guidelines)

The infection control practitioner: an action plan for the 1990s (McGowan). 1990;18:29-39 (Special article)

Seventeenth annual conference and international meeting. 1990;18:135-50 (Abstracts)

Attitude of health personnel

Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

B

Bacillus subtilis

A new perspective of microbial survival and dissemination in a prospectively contaminated air-fluidized bed model (Winters). 1990;18:307-15

Back, injuries

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Bacteremia; see Septicemia**Bacteria, gram-negative; see Gram-negative bacteria****Bandages, occlusive; see Occlusive dressings****Beds**

A new perspective of microbial survival and dissemination in a prospectively contaminated air-fluidized bed model (Winters). 1990;18:307-15

Bloodletting

Blood contamination of tourniquets used in routine phlebotomy (Forseter et al). 1990;18:386-90 (Brief rep.)

Books

Book reviews. 1990;18:50-4, 130-4, 224-6, 293-4, 343-6, 405-8

Brief reports

Brief reports. 1990;18:208-10, 283-7, 328-35, 385-90

Burnout, professional

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

C**Catheterization**

Colonization and bacteremia related to duration of triple-lumen intravascular catheter placement (Ullman et al). 1990;18:201-7

Catheterization, urinary; see Urinary catheterization**Catheters, indwelling**

Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Certification

A guide to the Certification Board of Infection Control's recertification program (Jacobson). 1990;18:283-7 (Brief rep.)

Recertification—by examination or by CEU? (McFarland) (Letter); (Jaeger) (Reply). 1990;18:222-3

Child day care centers

Occurrence of infectious symptoms in children in day care homes (Butz et al). 1990;18:347-53

China

A prospective study of nosocomial infections in cardiac surgery in China (Liu-yi and Shu-qun). 1990;18:365-70

Chlorhexidine

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Clinical trials

Selection of controls (Childress and Childress) (Letter); (Landry et al) (Reply). 1990;18:292

Clostridium infections

Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)

Colitis

Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)

Colony count, microbial

Colonization and bacteremia related to duration of tri-

ple-lumen intravascular catheter placement (Ullman et al). 1990;18:201-7

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Commentaries

Commentary. 1990;18:40-6, 118-25, 391-8

Community outbreak; see Disease outbreaks**Complications**

Monitoring for nosocomial noninfectious complications: a classification system that parallels the NNIS definitions for infectious complications (Lynch and Jackson). 1990;18:391-8 (Commentary)

Computer systems

Methodology to evaluate a computer-based system for surveillance of hospital-acquired infections (Gaynes et al). 1990;18:40-6 (Commentary)

Confidentiality

Position paper: the HIV-infected health care worker (The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Control groups; see Research design**Correction**

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al) (1990;18:64-9). 1990;18:268

Cross infection

Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

Infection control practices in Connecticut's skilled nursing facilities (Pearson et al). 1990;18:269-76

Infection control practitioners and committees in skilled nursing facilities in Connecticut (Pearson et al). 1990;18:167-75

Infection control in public health: a new perspective (Hayden). 1990;18:47-9 (Practice forum)

Invasive *Haemophilus influenzae* type B infections: a continuing challenge (Janai et al). 1990;18:160-6

Investigation of an outbreak of *Acinetobacter calcoaceticus* var. *anitratus* infections in an adult intensive care unit (Contant et al). 1990;18:288-91 (Practice forum)

Methodology to evaluate a computer-based system for surveillance of hospital-acquired infections (Gaynes et al). 1990;18:40-6 (Commentary)

Nosocomial *Escherichia coli* O157:H7 diarrhea (Yannelli et al). 1990;18:341-2 (Letter)

- Nosocomial infection rates during a one-year period in a nursing home care unit of a Veterans Administration hospital (Hoffman et al). 1990;18:55-63
- Nosocomial infections in the pediatric patient: an update (Allen and Ford-Jones). 1990;18:176-93
- Postdischarge, postoperative nosocomial infection surveillance using random sampling (Frey et al). 1990;18:383-5 (Brief rep.)
- A prospective study of nosocomial infections in cardiac surgery in China (Liu-yi and Shu-qun). 1990;18:365-70
- Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? (Cahill and Heath). 1990;18:13-7
- Uncontrolled nosocomial rotavirus transmission during a community outbreak (Raad et al). 1990;18:24-8

Cryptosporidium

- Asymptomatic carriage of *Cryptosporidium* in two patients with leukemia (Gentile et al). 1990;18:127-8 (Letter)

D

Data collection

- Developing an integrated quality improvement program (Bennett and Baker). 1990;18:118-25 (Commentary)
- Infection control practitioners and committees in skilled nursing facilities in Connecticut (Pearson et al). 1990;18:167-75
- Methodology to evaluate a computer-based system for surveillance of hospital-acquired infections (Gaynes et al). 1990;18:40-6 (Commentary)
- National survey of infection control practitioners' educational needs (Turner et al). 1990;18:86-92
- A study of infection control training needs of medical students (Cooper et al). 1990;18:126-7 (Letter)

Day care centers, child; see Child day care centers

Decontamination

- Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6
- A new perspective of microbial survival and dissemination in a prospectively contaminated air-fluidized bed model (Winters). 1990;18:307-15

Diagnosis

- Effect of surgeon's diagnosis on surgical wound infection rates (Taylor et al). 1990;18:295-9

Diarrhea

- Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)
- Nosocomial *Escherichia coli* O157:H7 diarrhea (Yannelli et al). 1990;18:341-2 (Letter)
- Occurrence of infectious symptoms in children in day care homes (Butz et al). 1990;18:347-53

Disease outbreaks

- Uncontrolled nosocomial rotavirus transmission during a community outbreak (Raad et al). 1990;18:24-8

Disinfectants

- APIC guideline for selection and use of disinfectants (Rutala). 1990;18:99-117 (Guidelines)

Disinfection

- Survival and disinfection of parainfluenza viruses on environmental surfaces (Brady et al). 1990;18:18-23

Dressings, occlusive; see Occlusive dressings

E

Education, continuing

- A guide to the Certification Board of Infection Control's recertification program (Jacobson). 1990;18:283-7 (Brief rep.)
- National survey of infection control practitioners' educational needs (Turner et al). 1990;18:86-92
- Recertification—by examination or by CEU? (McFarland) (Letter); (Jaeger) (Reply). 1990;18:222-3

Education, medical

- A study of infection control training needs of medical students (Cooper et al). 1990;18:126-7 (Letter)

Education, nursing

- Infection control practitioners and committees in skilled nursing facilities in Connecticut (Pearson et al). 1990;18:167-75

Education, nursing, graduate

- National survey of infection control practitioners' educational needs (Turner et al). 1990;18:86-92

Environmental exposure

- Needle disposal policies (Fletcher) (Letter); (Horton and Roger) (Letter). 1990;18:223
- Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27
- Significance of fever in hospital employees (Yannelli et al). 1990;18:93-8

Environmental microbiology

- Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6
- Survival and disinfection of parainfluenza viruses on environmental surfaces (Brady et al). 1990;18:18-23

Epidemiologic factors

- Incidence and impact of infection in a nursing home care unit (Jacobson and Strausbaugh). 1990;18:151-9

Epidemiologic methods

- Monitoring for nosocomial noninfectious complications: a classification system that parallels the NNIS definitions for infectious complications (Lynch and Jackson). 1990;18:391-8 (Commentary)

Epidemiology

- Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Equipment and supplies, hospital

- APIC guideline for selection and use of disinfectants (Rutala). 1990;18:99-117 (Guidelines)

Equipment and supplies, hospital—cont'd

Needle disposal policies (Fletcher) (Letter); (Horton and Roger) (Letter). 1990;18:223

Equipment contamination

Blood contamination of tourniquets used in routine phlebotomy (Forseter et al). 1990;18:386-90 (Brief rep.)

Colonization and bacteremia related to duration of triple-lumen intravascular catheter placement (Ullman et al). 1990;18:201-7

A new perspective of microbial survival and dissemination in a prospectively contaminated air-fluidized bed model (Winters). 1990;18:307-15

Sterility of assembled heart-lung pump beyond 48 hours (Chorak et al). 1990;18:328-31 (Brief rep.)

Escherichia coli infections

Nosocomial *Escherichia coli* O157:H7 diarrhea (Yannelli et al). 1990;18:341-2 (Letter)

Ethics

Position paper: the HIV-1-infected health care worker (The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Ethylene oxide

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Exposure, occupational; see Environmental exposure

F**Fever**

Significance of fever in hospital employees (Yannelli et al). 1990;18:93-8

Formaldehyde

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Fungi

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

G**Gels**

Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel (Newman and Seitz). 1990;18:194-200

Gentamicins

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

Gram-negative bacteria

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

H**Haemophilus influenzae**

Invasive *Haemophilus influenzae* type B infections: a

continuing challenge (Janai et al). 1990;18:160-6

Handwashing

Alcohol-impregnated wipes as an alternative in hand hygiene (Butz et al). 1990;18:70-6

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Frequency and duration of handwashing in an intensive care unit (Graham). 1990;18:77-81

Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel (Newman and Seitz). 1990;18:194-200

Heart-lung pump; see Infusion pumps

Heart surgery

A prospective study of nosocomial infections in cardiac surgery in China (Liu-yi and Shu-qun). 1990;18:365-70

Hepatitis B

Hepatitis B and hepatitis B vaccine requirements in schools of nursing in the United States: a national survey (Goetz and Yu). 1990;18:240-9

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Hepatitis B virus

Implementing and evaluating a system of generic infection precautions: body substance isolation (Lynch et al). 1990;18:1-12

HIV

Implementing and evaluating a system of generic infection precautions: body substance isolation (Lynch et al). 1990;18:1-12

HIV infections

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Position paper: the HIV-infected health care worker (The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Hospital-acquired infection; see Cross infection**Hospitals, pediatric**

Nosocomial infections in the pediatric patient: an update (Allen and Ford-Jones). 1990;18:176-93

Hospitals, special

Parainfluenza outbreak in retardation facility (Jackson et al). 1990;18:128-9 (Letter)

Human immunodeficiency viruses; see HIV**Humidity**

Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? (Cahill and Heath). 1990;18:13-7

I**Immunization**

Hepatitis B and hepatitis B vaccine requirements in schools of nursing in the United States: a national survey (Goetz and Yu). 1990;18:240-9

Infection control practitioners

Developing an integrated quality improvement program (Bennett and Baker). 1990;18:118-25 (Commentary)

- A guide to the Certification Board of Infection Control's recertification program (Jacobson). 1990;18:283-7 (Brief rep.)
- The infection control practitioner: an action plan for the 1990s (McGowan). 1990;18:29-39 (Special article)
- Infection control practitioners and committees in skilled nursing facilities in Connecticut (Pearson et al). 1990;18:167-75
- National survey of infection control practitioners' educational needs (Turner et al). 1990;18:86-92
- Recertification—by examination or by CEU? (McFarland) (Letter); (Jaeger) (Reply). 1990;18:222-3
- Infusion pumps**
Sterility of assembled heart-lung pump beyond 48 hours (Chorak et al). 1990;18:328-31 (Brief rep.)
- Infusions, intravenous**
Colonization and bacteremia related to duration of triple-lumen intravascular catheter placement (Ullman et al). 1990;18:201-7
- Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads (Choudhuri et al). 1990;18:82-5
- Injuries; see Wounds and Injuries**
- Intensive care unit, neonatal**
Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)
- Intensive care units**
Frequency and duration of handwashing in an intensive care unit (Graham). 1990;18:77-81
- Investigation of an outbreak of *Acinetobacter calcoaceticus* var. *anitratus* infections in an adult intensive care unit (Contant et al). 1990;18:288-91 (Practice forum)
- Iodine**
Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads (Choudhuri et al). 1990;18:82-5
- L**
- Letters**
Asymptomatic carriage of *Cryptosporidium* in two patients with leukemia (Gentile et al). 1990;18:127-8
- Needle disposal policies (Fletcher) (Letter); (Horton and Roger) (Letter). 1990;18:223
- Nosocomial *Escherichia coli* O157:H7 diarrhea (Yannelli et al). 1990;18:341-2
- Parainfluenza outbreak in retardation facility (Jackson et al). 1990;18:128-9
- Recertification—by examination or by CEU? (McFarland) (Letter); (Jaeger) (Reply). 1990;18:222-3
- Selection of controls (Childress and Childress) (Letter); (Landry et al) (Reply). 1990;18:292
- A study of infection control training needs of medical students (Cooper et al). 1990;18:126-7
- Urinary catheterization (Lai). 1990;18:340-1
- Leukemia**
Asymptomatic carriage of *Cryptosporidium* in two pa-

tients with leukemia (Gentile et al). 1990;18:127-8 (Letter)

Literature

Literature reviews. 1990;18:50-4, 130-4, 224-6, 293-4, 343-6, 405-8

M

Malpractice

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Metronidazole

Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)

Mezlocillin

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

Microbial count; see Colony count, microbial

N

Needles

Needle disposal policies (Fletcher) (Letter); (Horton and Roger) (Letter). 1990;18:223

Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Which physicians are at high risk for needlestick injuries? (Mansour). 1990;18:208-10 (Brief rep.)

Nose, microbiology

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al). 1990;18:64-9

Nosocomial infection; see Cross infection

Nurses

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

National survey of infection control practitioners' educational needs (Turner et al). 1990;18:86-92

Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Nursing homes

Control of *Clostridium difficile* colitis outbreak by treating asymptomatic carriers with metronidazole (Kerr et al). 1990;18:332-5 (Brief rep.)

Incidence and impact of infection in a nursing home care unit (Jacobson and Strausbaugh). 1990;18:151-9

Infection control practices in Connecticut's skilled nursing facilities (Pearson et al). 1990;18:269-76

Nosocomial infection rates during a one-year period in a nursing home care unit of a Veterans Administration hospital (Hoffman et al). 1990;18:55-63

Nursing schools; see Schools, nursing

O

Occlusive dressings

Occlusive dressings: a microbiologic and clinical re-

Occlusive dressings—cont'd

view (Hutchinson and McGuckin). 1990;18:257-68

Occupational accidents; see Accidents, occupational**Occupational diseases**

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Occupational exposure; see Environmental exposure**Operating room technicians**

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Operating rooms

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

Organization and administration

Developing an integrated quality improvement program (Bennett and Baker). 1990;18:118-25 (Commentary)

Outpatient surgery; see Ambulatory surgery**Oxygen inhalation therapy**

Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? (Cahill and Heath). 1990;18:13-7

P**Para-influenza viruses**

Parainfluenza outbreak in retardation facility (Jackson et al). 1990;18:128-9 (Letter)

Survival and disinfection of parainfluenza viruses on environmental surfaces (Brady et al). 1990;18:18-23

Patient isolation

Implementing and evaluating a system of generic infection precautions: body substance isolation (Lynch et al). 1990;18:1-12

Patients

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Penicillium

Heavy contamination of operating room air by *Penicillium* species: identification of the source and attempts at decontamination (Fox et al). 1990;18:300-6

Perfusion pumps; see Infusion pumps**Personnel, hospital**

Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel (Newman and Seitz). 1990;18:194-200

Significance of fever in hospital employees (Yannelli et al). 1990;18:93-8

Personnel staffing and scheduling

Nosocomial infection rates during a one-year period in a nursing home care unit of a Veterans Administration hospital (Hoffman et al). 1990;18:55-63

Phlebotomy; see Bloodletting**Physicians**

Noncompliance with Universal Precautions Policy:

Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Which physicians are at high risk for needlestick injuries? (Mansour). 1990;18:208-10 (Brief rep.)

Piperacillin

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

Pneumonia

Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? (Cahill and Heath). 1990;18:13-7

Postoperative wound infection; see Surgical wound infection**Povidone-iodine**

The effect of surgical handwashing routines on the microbial counts of operating room nurses (Pereira et al). 1990;18:354-64

Prescriptions, drug

Antibiotic sensitivity and the prescribing information sheet: assisting the prescribing physician (Snyder et al). 1990;18:399-404 (Practice forum)

Prosthesis

Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Public health

Infection control in public health: a new perspective (Hayden). 1990;18:47-9 (Practice forum)

Q**Quality control**

Developing an integrated quality improvement program (Bennett and Baker). 1990;18:118-25 (Commentary)

Monitoring for nosocomial noninfectious complications: a classification system that parallels the NNIS definitions for infectious complications (Lynch and Jackson). 1990;18:391-8 (Commentary)

R**Radiation**

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Recertification; see Certification**Research**

Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Research design

Selection of controls (Childress and Childress) (Letter); (Landry et al) (Reply). 1990;18:292

Respiratory tract infections

A prospective study of nosocomial infections in cardiac surgery in China (Liu-yi and Shu-qun). 1990;18:365-70

Significance of fever in hospital employees (Yannelli et al). 1990;18:93-8

Reviews

Book and literature reviews. 1990;18:50-4, 130-4, 224-6, 293-4, 343-6, 405-8

Rotaviruses

Uncontrolled nosocomial rotavirus transmission during a community outbreak (Raad et al). 1990;18:24-8

S

Schools, nursing

Hepatitis B and hepatitis B vaccine requirements in schools of nursing in the United States: a national survey (Goetz and Yu). 1990;18:240-9

Self disclosure

Position paper: the HIV-infected health care worker (The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Septicemia

Colonization and bacteremia related to duration of triple-lumen intravascular catheter placement (Ullman et al). 1990;18:201-7

Skilled nursing facilities

Infection control practitioners and committees in skilled nursing facilities in Connecticut (Pearson et al). 1990;18:167-75

Skin, microbiology

Occlusive dressings: a microbiologic and clinical review (Hutchinson and McGuckin). 1990;18:257-68

Soaps

Alcohol-impregnated wipes as an alternative in hand hygiene (Butz et al). 1990;18:70-6

Intermittent use of an antimicrobial hand gel for reducing soap-induced irritation of health care personnel (Newman and Seitz). 1990;18:194-200

Special articles

Special articles. 1990;18:29-39, 211-21

Special communication

Special communication. 1990;18:371-82

Staphylococcus aureus

High *Staphylococcus aureus* nasal carriage rate in patients with acquired immunodeficiency syndrome or AIDS-related complex (Raviglione et al). 1990;18:64-9

Staphylococcus epidermidis

Coagulase-negative staphylococci: interplay of epidemiology and bench research (Goldmann). 1990;18:211-21 (Special article)

Sterilization

APIC guideline for selection and use of disinfectants (Rutala). 1990;18:99-117 (Guidelines)

Efficiency of skin sterilization for a venipuncture with the use of commercially available alcohol or iodine pads (Choudhuri et al). 1990;18:82-5

Stress, psychological

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Surgical scrub; see Handwashing

Surgical wound infection

Ambulatory surgery postoperative wound surveillance

(Flanders and Hinnant). 1990;18:336-9 (Practice forum)

Effect of surgeon's diagnosis on surgical wound infection rates (Taylor et al). 1990;18:295-9

Postdischarge, postoperative nosocomial infection surveillance using random sampling (Frey et al). 1990;18:383-5 (Brief rep.)

A prospective study of nosocomial infections in cardiac surgery in China (Liu-yi and Shu-qun). 1990;18:365-70

Surgical wound infections occurring in day surgery patients (Zoutman et al). 1990;18:277-82

T

Tobramycin

In vitro comparison of mezlocillin and piperacillin plus tobramycin or gentamicin versus 100 gram-negative nosocomial bloodstream isolates (Cabezudo et al). 1990;18:250-6

Tourniquets

Blood contamination of tourniquets used in routine phlebotomy (Forseter et al). 1990;18:386-90 (Brief rep.)

Truth disclosure

Position paper: the HIV-infected health care worker (The Association for Practitioners in Infection Control and The Society of Hospital Epidemiologists). 1990;18:371-82 (Special comm.)

Tuberculosis

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

U

United States Veterans Administration

Incidence and impact of infection in a nursing home care unit (Jacobson and Strausbaugh). 1990;18:151-9

Nosocomial infection rates during a one-year period in a nursing home care unit of a Veterans Administration hospital (Hoffman et al). 1990;18:55-63

Universal Precautions Policy

Noncompliance with Universal Precautions Policy: Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Urinary catheterization

Urinary catheterization (Lai). 1990;18:340-1 (Letter)

V

Vaccination

Invasive *Haemophilus influenzae* type B infections: a continuing challenge (Janai et al). 1990;18:160-6

Vaccines

Hepatitis B and hepatitis B vaccine requirements in schools of nursing in the United States: a national survey (Goetz and Yu). 1990;18:240-9

W

Water

Sterile water used for humidification in low-flow oxygen therapy: Is it necessary? (Cahill and Heath). 1990;18:13-7

Work schedule tolerance

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Wound infection

Occlusive dressings: a microbiologic and clinical review (Hutchinson and McGuckin). 1990;18:257-68

Wound infection, surgical; see Surgical wound infection

Wounds and injuries

Noncompliance with Universal Precautions Policy:

Why do physicians and nurses recap needles? (Becker et al). 1990;18:232-9

Occupational hazards to health care workers: diverse, ill-defined, and not fully appreciated (Moore and Kaczmarek). 1990;18:316-27

Sharp object injuries in the hospital: causes and strategies for prevention (Jagger et al). 1990;18:227-31

Which physicians are at high risk for needlestick injuries? (Mansour). 1990;18:208-10 (Brief rep.)

